Qty:

4 Um:

Each

: STEP WELDMENT

: D3562042

: 7/28/2008

: N/A

: E

D3562 REVE



Friday, 7/4/2008 12:49:39 PM

User:

Kim Johnston

Process Sheet

Drawing Name

Part Number

Material

Due Date

Drawing Number

Project Number

Drawing Revision

Customer

: CU-DAR001 Dart Helicopters Services

Job Number

Estimate Number

: 40289 : 12577

P.O. Number

This Issue

: 7/4/2008

: NC

Prsht Rev. First Issue

Checked & Approved By

Previous Run

Written By

: // : 37044

S.O. No. :

Type

: LARGE FAB ASSY

Comment

Est rev B

Est Rev:C

06-11-09 New Issue ECN 987

ECN1048

07.10.09 EC 07-12-18 DD

JLM

verified by: DD verified by: EC

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description: Step Extrusion

1.0

2.0

D2622120C

Comment: Qtv.: 1.0000 Each(s)/Unit

Qty

Part # D2622-120C

Description Extrusion

Total:

4.0000 Each(s)

Check Material for any Dents or Defects

LARGE FAB 1

LARGE FABRICATION RESOURCE 1

Comment: LARGE FABRICATION RESOURCE 1

1-Cut D2622 extrusion as per Dwg D3562

2-Deburr and bevel ends for welding

3.0 QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

4.0

HAND FINISHING RESOURCE #1

Comment: HAND FINISHING RESOURCE #1

Chemical Conversion Coat as per QSI 005 4.1

Page 1

Form: rorocess

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W/O:			- WC	ORK ORDER CH	IANGES	******			-,	1
DATE	STEP	PR	OCEDURE CHA	NGE	٠ سر ٠	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspector
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Part No):	PAR #:	Fault Cate	gory:	NO	R: Yes	No DQA	:	_ Date: _	
		·		,		QA: N	N/C Closed:		_ Date: _	
NCR:			WORK ORD	ER NON-CONFO	ORMANC	E (NCF	₹)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Action Descrip	Section B	Sign &			Approval Chief Eng	Approval QC Inspector
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Friday, 7/4/2008 12:49:39 PM Date: User: Kim Johnston **Process Sheet** Drawing Name: STEP WELDMENT Customer: CU-DAR001 Dart Helicopters Services Part Number: D3562042 Job Number: 40289 Job Number: Description: Seq. #: **Machine Or Operation:** INSPECT POWDER COAT/CHEMICAL CONVERSION QC3 5.0 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION Arm Weldment D3560042 Comment: Qty.: 1.0000 Each(s)/Unit Total: 4.0000 Each(s) ARM WELDMENT D3560044 Comment: Qty.: 1.0000 Each(s)/Unit 4.0000 Each(s) Total: ARM WELDMENT Batch: 1536 46 MS20600AD4W5 Blind Rivet 32.0000 Each(s)/Unit Total: 128.0000 Each(s) Comment: Qty.: Blind Rivet SMALL & MEDIUM FAB RESOURCE 9.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 1- Drill Rivet holes as per dwg D3562. Touch up alodine 2- Rivet legs using Magnabond as per dwg D3562. ******Ensure to wipe off any exess magnobond ****** A/R Magnabond 6398 Batch: 106695 INSPECT WORK TO CURRENT STEP 10.0 QC5 Comment: INSPECT WORK TO CURRENT STEP 11.0 D2734 Step End Plate Comment: Qty.: 8.0000 Each(s) 2.0000 Each(s)/Unit Total: Pick: **Qty Part Number** Description, Batc 2 D2734

Page 2

Form: mrocess

WORK ORDER CHANGES							· 4			
STEP		PROCEDURE CHANGE					Date	Qty	Approval Chief Eng / Prod Mgr	Approvai QC Inspector
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	-						4			
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•				•						
10							•			
	STEP	•	7	STEP PROCEDURE CHANGE	STEP PROCEDURE CHANGE	STEP PROCEDURE CHANGE	STEP PROCEDURE CHANGE By	STEP PROCEDURE CHANGE By Date	STEP PROCEDURE CHANGE By Date Qty	STEP PROCEDURE CHANGE By Date Qty Chief Eng / Prod Mgr

Part No: D3562-042 PAR #: NA Fault Category: Rod Fas Lage NCR: VES No DQA: Date: 08/07/30 D412-630-034

QA: N/C Closed: Date: 8007/30

						- 0.000u. <u> </u>		3-14-11
NCR:	0289	W	ORK OR	DER NON-CONFORMANCI	E (NCR)			
		Description of NC		Corrective Action Section B		Verification	Approval	Annroyal
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date,	Section C	Approval Chief Eng	Approval QC Inspector
08-07-16	0 -	on the First leg on 1 step, the bottom rivet was removed 3 temes, due to the center pin pulling out. R.C. Hole became enlarged each time the rivet was removed.	Jasiuiz	remove the 03560-012 pum, and fill the affected hole with weld, as well as the hole on the step, as per QSIOOU. grind flush, and touch-up area with Aladine	08.01.15	Salalis	Pasiusz	100.00-16
		S vonques.	Pasionz		14/98 08-01-15	orlajus	ISIMZ	100.07.16
				m 106431 Qty 3				ed)

Friday, 7/4/2008 12:49:39 PM Date: Kim Johnston User: **Process Sheet** Drawing Name: STEP WELDMENT Customer: CU-DAR001 Dart Helicopters Services Part Number: D3562042 Job Number: 40289 Job Number: Description: Seq. #: Machine Or Operation: LARGE FABRICATION RESOURCE 1 12.0 LARGE FAB 1 Comment: LARGE FABRICATION RESOURCE 1 1-Weld end caps as per Dwg D3562& QSI 004. Inspect for foreign objects as per QSI 024. Aluminum Rod <u>H 10683</u>4 2-Grind end cap welds flush as per Dwg D3562 13.0 QC9 08-07-23 Comment: VISUAL WELDING INSPECTION INSPECT WORK TO CURRENT STEP 14.0 QC5 Comment: INSPECT WORK TO CURRENT STEP POWDER COATING 15.0 Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 HAND FINISHING RESOURCE 16.0 Comment: HAND FINISHING RESOURCE #1 Wing Walk as per Dwg D3562 and QSI 005 4.4 INSPECT POWDER COAT/CHEMICAL CONVERSION 17.0 POWDER COAT/CHEMICAL CONVERSION PACKAGING RESOURCE #1 18.0 Comment: PACKAGING RESOURCE #1 Pick Assembly Kit

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES									
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
							:				
						• 5 4					

Part No: D3562-04Z PAR #: NA Fault Category: Prod Fas Large NCR: Yes No DQA: ____ Date: _____

NCR:4	0289	W	ORK OR	DER NON-CONFORMANCE	(NCR)			
DATE	STEP	Description of NC Section A	Initial	Corrective Action Section B Action Description	Sign &	Verification Section C	Approval Chief Eng	Approval QC Inspector
relilso	# 15.0	After powder cooting it was found that 3 steps have mugnitums need due left were on them. He steps were cleaned with	Chief Eng	Chief Eng SAND all three stys (3) with 390 grit sand paper (1) clean with R19 thinnis as	Date PAR	1		ostalay
		still shows.	pesaur	Re powder cont us per !. QSZLOS - inform welders that allstes	M-h 03/07/25	odalas	Lower	Solsky
				Mot be free it any ma faiture lesading, SAD SP JE	ground B-Cl-28			

Date:

Friday, 7/4/2008 12:49:39 PM

User: *

Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: STEP WELDMENT

Job Number: 40289

Part Number: D3562042

Job Number:



Seq. #:

Machine Or Operation:

Description:

19.0

QC21

FINAL INSPECTION/W/O RELEASE

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08/07/304

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



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W/O:	:		WORK ORDER CHANGES										
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector				
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Part No		₩PAR#:	Fault Cated	norv:	NCR: Yes	No DQ	A:	Date:	<u> </u>				
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NCR:		. V	VORK ORDI	ER NON-CONFORMA	NCE (NC	R)							
DATE	STEP	Description of NC	Corrective Action Section B			Verification		Approval	Approval				
DATE	SIEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Dat	& Secti		ition Approval	QC Inspector				
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